| AMENDMENT TRANSMITTAL LETTER (Large Entity) Applicant(s): Nippon Shokubai Co., Ltd.  |                                  |                            |                          |     | Docket No.<br>2004-2150.ORI |                   |
|--|----------------------------------|----------------------------|--------------------------|-----|-----------------------------|-------------------|
| Application No. 10/784,553   | Filing Date<br>February 23, 2004 | Examiner<br>MANOHARAN, Vir | Gustomer<br>ginia 023165 | No. | Group Art Unit<br>1764      | Confirmation No.  |
| Invention: Apparatus and process for purification of acrylic acid family   |                                  |                            |                          |     |                             |                   |
| COMMISSIONER FOR PATENTS:  Transmitted herewith is an amendment in the above-identified application.  The fee has been calculated and is transmitted as shown below.   |                                  |                            |                          |     |                             |                   |
| CLAIMS AS AMENDED  |                                  |                            |                          |     |                             |                   |
|  | CLAIMS REMAINING                 | HIGHEST #                  | NUMBER EXTRA             |     | RATE                        | ADDITIONAL<br>FEE |
| TOTAL CLAIMS   | 8 •                              | 20 =                       | 0                        | x   | \$50.00                     | \$0.00            |
| INDEP. CLAIMS  | 1 •                              | 3 =                        | . 0                      | x   | \$200.00                    | \$0.00            |
| Multiple Dependent Claims (check if applicable)  |                                  |                            |                          |     |                             | \$0.00            |
| TOTAL ADDITIONAL FEE FOR THIS AMEND  |                                  |                            |                          |     | MENT                        | \$0.00            |
| <ul> <li>No additional fee is required for amendment.</li> <li>☐ Please charge Deposit Account No. in the amount of</li> <li>☐ A check in the amount of to cover the filing fee is enclosed.</li> <li>☐ The Director is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 50-3288</li> <li>☐ Any additional filing fees required under 37 C.F.R. 1.16.</li> <li>☐ Any patent application processing fees under 37 CFR 1.17.</li> <li>☐ Payment by credit card. Form PTO-2038.</li> <li>WARNING: Information on this form may become public. Credit card Information should not be included on this form. Provide credit card information and authorization on PTO-2038.</li> </ul> Dated: February 8, 2005 |                                  |                            |                          |     |                             |                   |
| I hereby certify that this correspondence and the documents referred to as enclosed therein are being facsimile transmitted to the United States Patent and Trademark Office on February 8, 2005  to 1.703-872-9310  Robert J. Jacobson  Printed Name of Person Faxing Correspondence  |                                  |                            |                          |     |                             |                   |

Practitioner's Docket No. 2004-2150.ORI

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Nippon Shokubai Co., Ltd.

Serial No.: 10/784,553 Filed: February 23, 2004

For: Apparatus and process for purification of acrylic acid

family

Examiner: MANOHARAN, Virginia

Group No.: 1764

Confirmation No.: 1928

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

## Amendment and Remarks--Introduction

This paper is being filed in response to the Office Action of October 13, 2004.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Abstract of the Disclosure begin on page 11 of this paper.

The listing of claims, and any amendments thereto, begins on page 12 of this paper.

The Remarks portion begins on page 16 of this paper.

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Robert J. Jacobson

I hereby certify that this correspondence and the documents referred to as enclosed therein are being facsimile transmitted to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on February 8, 2005 to 1-703-872-9310 by applicant's attorney, Robert J. Jacobson.